

DEFENSE

Systems Digest

The Latest From the Defense Systems Information Analysis Center // January 23, 2024

JANUARY IS OPSEC AWARENESS MONTH

Operational Security (OPSEC) Awareness Month highlights federal government policies and procedures regarding the establishment, implementation, and standardization of OPSEC programs and provides guidance on protecting personal information.

It is essential that everyone is diligent in protecting critical and sensitive information to ensure the success of missions and protect the lives of U.S. service members, DoD employees, contractors, and family members.

Learn more here: "Protect What's Ours" is the focus of 2024 OPSEC Awareness Month | Article | The United States Army

DID YOU MISS OUR LAST WEBINAR?

"Multiscale Study of Hypersonic Vehicles:
From Turbulence to Ceramics"

 **WATCH NOW!**

[or download the slides](#)

NOTABLE TECHNICAL INQUIRY

Can you provide information on U.S. Army-managed, portable biometrics data collection systems?

Defense Systems Information Analysis Center (DSIAC) staff contacted the U.S. Army Program Executive Office for Intelligence, Electronic Warfare & Sensors (PEO IEW&S), who is responsible for developing and managing the Army's portfolio of biometrics sensing and data... [READ MORE](#)

UPCOMING WEBINAR



Expanding Release Envelopes Into the Supersonic Regime...

February 28, 2024
12:00 PM – 1:00 PM

Presenter(s): Chris Lipford, Rafael Perez

Host: DSIAC

The Air Force Seek Eagle Office (AFSEO) is dedicated to store-aircraft compatibility and responsible for recommending release envelope limits that permit safe and acceptable store separation, thus delivering new capabilities to the Warfighter. The term "store" refers to objects that can be... [READ MORE](#)

FUTURE WEBINARS

Current State and Future Directions of Composites...

March 20, 2024
12:00 PM – 1:00 PM



HIGHLIGHT

Eagles Have Landed: New F-15EXs Arrive at Eglin

EGLIN AIR FORCE BASE, Fla. - The Eagles have landed.

The Air Force's two newest fighters, F-15EX Eagle IIs, known as EX3 and EX4, touched down at Eglin on December 20, 2023, just minutes from each other. The new arrivals bring the Air Force's total F-15EXs to four, ... [LEARN MORE](#)

EVENTS

Fundamentals of Random Vibration and Shock Testing Open Course (San Jose, CA)
February 13–15, 2024
San Jose, CA

EWA Technical Conference and the Dixie Crow Symposium
March 24–27, 2024
Robins AFB, GA

2024 Robins Requirements Symposium
March 28, 2024
Robins AFB, GA

Sea-Air-Space 2024
April 8–10, 2024
National Harbor, MD

2024 National Fire Control Symposium
April 15–18, 2024
Fort Walton Beach, FL

2024 Combined Light Armor Survivability Panel (CLASP)
April 23–24, 2024
Colorado Springs, CO

Want your event listed here?
Email contact@dsiac.org to share your event.



VOICE FROM THE COMMUNITY

E. Ray Pursel

Division Technical Lead, Joint Warfare Analysis Center

Ray Pursel is the Joint Warfare Analysis Center's Division Technical Lead, where he ensures technical rigor in his division's modeling, simulation, and analysis efforts and provides operational analysis and targeting support. He is a retired Marine CH-46E pilot, computer scientist, and modeling and simulation professional with experience in designing and implementing simulation software interfaces to prototype weapon systems' hardware and developing augmented reality training systems.

ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are a subject matter expert (SME).

Join our team today.

BECOME A SUBJECT MATTER EXPERT

ABOUT TECHNICAL INQUIRIES (TIs)

WHAT IS THE TI RESEARCH SERVICE?

- FREE service conducted by technical analysts
- 4 hours of information research
- Response in 10 business days or less

WHO CAN SUBMIT A TI?

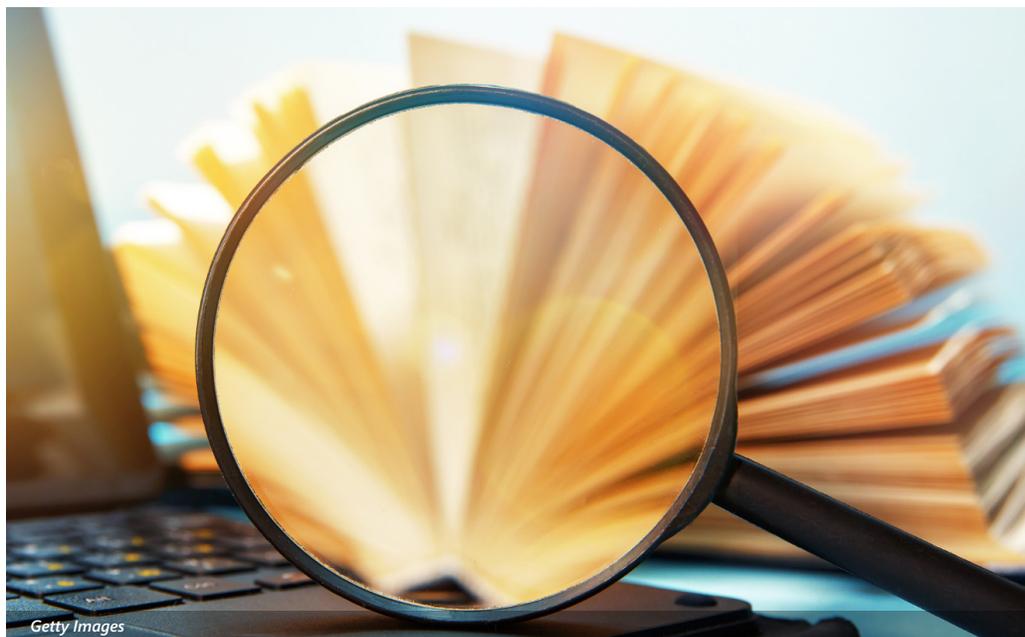
- U.S. government (federal, state, or local)
- Military personnel
- Contractors working on a government or military contract

WHY UTILIZE THE TI RESEARCH SERVICE?

- Get a head start on your technical questions or studies
- Discover hard-to-find information
- Find and connect with other subject matter experts in the field
- Reduce redundancy of efforts across the government

To submit a TI, go to <https://dsiac.org/technical-inquiries>

FOR MORE: FOLLOW US ON SOCIAL



RECENT DSIAC TIs

- What ground-to-air LWIR video/data exists for airborne assets?
- What information is available for 81-mm mortar leaflet rounds?
- How does the military assess risks for autonomous weapons systems?

RECENT CSIAC & HDIAC TIs

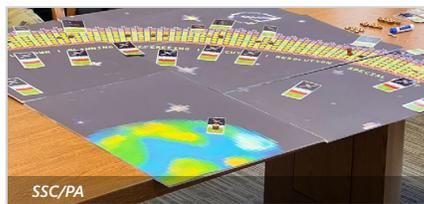
- Can you provide an AWARS, COMBAT XXI, and logistics battle command simulation comparative assessment?
- What information is available on missile simulations and validation of physics-based models without direct access to real weapon flight test data?
- What novel bioinspired textiles are being researched and developed for cold environment operations?

FEATURED NEWS

NASA's X-59 Rollout Embodies Aeronautical Tradition

NASA's X-59 aircraft is heading out of the hangar – preparing to embark on the first phase of its mission to fly faster than the speed of sound without generating a loud sonic boom. [READ MORE](#)

RECENT NEWS



SSC/PA

Parallax Rising 2.2 Table Top Exercise Models Space Refueling Future

U.S. Space Force



DARPA

DARPA Moves Forward on X-65 Technology Demonstrator

Defense Advanced Research Projects Agency



DISA

DISA Releases New Electromagnetic Spectrum Capability to Enhance...

Defense Information Systems Agency



Leidos Dynetics

Lonestar Tech Demo Successfully Completes Mission

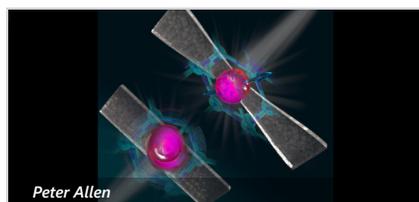
U.S. Army



Unsplash

NASA Stennis Achieves Major Milestone for In-Flight Software Mission

National Aeronautics and Space Administration



Peter Allen

Researchers Invent New Way to Stretch Diamond for Better Quantum Bits

Argonne National Laboratory



Advanced Materials



Autonomous Systems



C4ISR



Directed Energy



Energetics



Military Sensing



Non-Lethal Weapons



RMQSI



Survivability & Vulnerability



Weapons Systems

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